

**MEMORANDUM FOR THE RECORD – 19 MCN 16**

**SUBJECT: Adult lamprey mortality in Oregon ladder exit sensor still wells.**

**Narrative:** On August 4, while cleaning the three exit elevation sensor still wells, we discovered 10 adult lamprey mortalities in various stages of decomposition. There were five fish each in the stationary weir and the downstream regulating weir still wells. On August 5, no fish were found in the three Washington ladder exit still wells.

**Location:** Oregon ladder exit.

**Method:** The still wells were being flush with river water using a pump to remove sediment and allows for more accurate exit regulating. The exit was in manual mode during the process.

**Time Line - Duration:** On August 4, approximately 1300 to 1530 hours, the still wells were cleaned and the lamprey mortalities were removed.

**A. Species:** Pacific lamprey adults.

**B. Origin:** NA

**C. Length:** Approximately two feet long.

**D. Marks and Tags:** NA

**E. Marks and Injuries Found on the Carcasses:** None. Fish appeared to have entered the still wells, expired and began to decompose.

**F. Future and Preventative Measures:** During the next winter ladder outage, the fisheries staff will examine the intakes to every ladder still well and make any modifications that are required to prevent lamprey from entering.

**G. Photos Taken:** None.

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